

## The EDU-MOBILE® Fume Cupboard from Breckland Scientific

The EDU-MOBILE® Advanced Series ductless fume hoods are a series of high efficiency products designed to protect the user and the environment from hazardous vapours generated on the work surface. At the heart of the EDU-MOBILE fume hood product line is the innovative Multiplex™ Filtration Technology that creates a safe work environment over the widest range of applications.

The following documents are supplied with each unit:

- Test certificate
- Test report
- User Manual

### POSITIONING OF THE UNIT

- A minimum distance of 50 cm to the top of the ceiling is recommended for blower changing purposes.
- A clearance of 183 cm (6ft) in front of cabinet is strongly advised in order to maintain proper airflow

### ENVIRONMENTAL/ELECTRICAL CONDITIONS

The equipment is designed to be safe for at least the following conditions:

- Indoor use
- Altitude < 6,500 ft (2,000 m)
- 5°C to 40°C (41°F to 104°F) Ambient
- Relative Humidity <80% up to 31°C (88°F) decreasing to <50% at 40°C (104°F)
- UL Installation Category II
- UL Pollution Degree 2
- Continuous operation
- Mains supply tolerance of -10%/+10%
- 120 VAC, 60 Hz, 10A or 230VAC, 50Hz, 5A
- Fuse: 250V, 10A, Time Lag for 120VAC or Fuse: 250V, 5A, Time Lag for 230VAC
- Always ensure the unit is connected to a reliable and properly grounded receptacle
- The appliance inlet on this device is the disconnect device and the appliance should not be positioned so that it is difficult to operate it.

N.B. Each unit requires its own dedicated 13A (230V) power outlet which should not be shared with other appliances.

### CONTROLS /INDICATORS

- Green indicator lamp will illuminate to confirm the power is on
- internal task light to indicate fan is running
- Low Airflow Alarm Light (greater than 0.45 m/sec or 90 fpm +/- 10%)
- Hour Counter – for monitoring the carbon filter life

An annual service is recommended and testing is mandatory under C.O.S.H.H regulations and will include the following points:

- Check / replace pre-filter
- Check and record face velocity readings
- Check airflow monitor and airflow alarm, re-calibrate if necessary
- Check operation of hydrocarbon sensor
- Check condition of glazing, hinges etc.
- Inspect electrical components, lighting, cables etc.
- Issue test report and airflow certificate.

Model	Dimensions			Weight (lbs/Kg)	
	Internal Height	External (W x D x H)	Shipping (W x D x H)	Net	Ship
<b>Edu-Mobile</b>					
EDU-M	800mm	1,000 x 724 x 1,968 mm	1,016 x 1,270 x 2,032 mm	270/ 123	320 / 145

